



IAP6 Rec'd PCT/PTO 15 MAR 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**Hong-Ki LEE**

Application No: 10/574,935

Filed: April 7, 2006

*Confirmation No.: 5557*

For: **BOLOMETRIC INFRARED  
SENSOR HAVING TWO-LAYER  
STRUCTURE AND METHOD  
FOR MANUFACTURING THE  
SAME**

Art Unit: *Not Yet Assigned*

Examiner: *Not Yet Assigned*

Atty. Docket No: 68284-230124

Customer No:

**26694**

PATENT TRADEMARK OFFICE

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

***Mail Stop: MISSING PARTS***

Commissioner for Patents

Post Office Box 1450

Alexandria, Virginia 22313-1450

Sir:

In response to the Notification of Missing Requirements dated February 28, 2007, submitted herewith are the following:

- Notification of Missing Requirements dated February 28, 2007;
- Declaration
- Supplemental Application Data Sheet
- Assignment with Recordation Form Cover Sheet
- Fee Transmittal

**Official fees:**

Assignment Fee 40.00

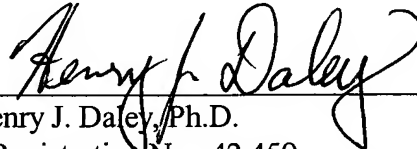
**TOTAL FEES: \$ 40.00**

It is believed that no fee is due for this submission. However, should no remittance be attached, or should any greater or lesser fee be required, please charge or credit our Account No. 22-0261 and advise us accordingly.

Date

March 15 2007

Respectfully submitted,



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/trs

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UNITED STATES PATENT AND TRADEMARK OFFICE

68284-23024 HJD  
 UNITED STATES DEPARTMENT OF COMMERCE  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/574,935	Hong-Ki Lee	68284230124
INTERNATIONAL APPLICATION NO.		
PCT/KR04/02294		
I.A. FILING DATE	PRIORITY DATE	
09/09/2004	10/09/2003	

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CONFIRMATION NO. 5557

371 FORMALITIES LETTER



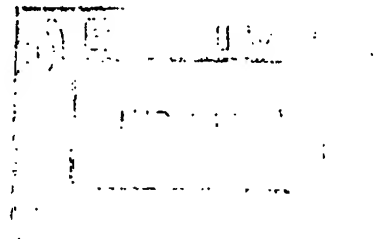
\*OC000000022670175\*

Date Mailed: 02/28/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/07/2006
- Information Disclosure Statements filed on 04/07/2006
- Small Entity Statement filed on 04/07/2006
- Request for Immediate Examination filed on 04/07/2006
- U.S. Basic National Fees filed on 04/07/2006
- Priority Documents filed on 04/07/2006



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/574,935	PCT/KR04/02294	68284230124

FORM PCT/DO/EO/905 (371 Formalities Notice)



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		Application Number	10/574,935-Conf. #5557
		Filing Date	April 7, 2006
		First Named Inventor	Hong-Ki Lee
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Attorney Docket No.	68284-230124	
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 40.00		

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	<u>Small Entity</u> Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 =		x	=			
HP = highest number of total claims paid for, if greater than 20.						
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			
- 3 =		x	=			
HP = highest number of independent claims paid for, if greater than 3.						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/50	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

	<u>Fees Paid (\$)</u>
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ...	40.00

<b>SUBMITTED BY</b>			
Signature	<i>Henry J. Daley</i>	Registration No. (Attorney/Agent)	42,459
Name (Print/Type)	Henry J. Daley	Telephone	(202) 344-4362
		Date	March 15, 2007

DC2DOCS1/835949